



SEQUENCE LISTING

<110> Chu, Ivan K.

Lau, Tai-Chu

Siu, K. W. Michael

<120> Sequencing of Peptides by Mass Spectrometry

<130> 7933.208-US-U1

<140> US 09/804,866

<141> 2001-03-13

<150> US 60/193,208

<151> 2000-03-30

<160> 16

<170> PatentIn version 3.1

<210> 1

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> leucine enkephalin

<400> 1

Tyr Gly Gly Phe Leu
1 5

<210> 2

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> glycyglycylglutamylglycylglycine

<400> 2

Gly Gly Glu Gly Gly
1 5

<210> 3

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> bradykinin

<400> 3

Arg Pro Pro Gly Phe Ser Pro Phe Arg
1 5

<210> 4

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> dynorphin A

<400> 4

Tyr Gly Gly Phe Leu Arg Arg
1 5

<210> 5

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> leucine enkephalin

<220>

<221> MISC_FEATURE

<222> (5)..(5)

<223> X is L or I

<400> 5

Tyr Gly Gly Phe Xaa
1 5

<210> 6

<211> 4

<212> PRT

<213> Bovine ubiquitin

<400> 6

Phe Ala Gly Lys
1

<210> 7

<211> 6

<212> PRT

<213> Bovine ubiquitin

<400> 7

Leu Ile Phe Ala Gly Lys
1 5

<210> 8

<211> 4

<212> PRT

<213> Bovine ubiquitin

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> X is L or I

<400> 8

Xaa Phe Val Lys
1

<210> 9

<211> 6

<212> PRT

<213> Bovine ubiquitin

<400> 9

Met Gln Ile Phe Val Lys
1 5

<210> 10

<211> 3

<212> PRT

<213> Bovine ubiquitin

<400> 10

Thr Gly Lys
1

<210> 11

<211> 5

<212> PRT

<213> Bovine ubiquitin

<400> 11

Thr Leu Thr Gly Lys
1 5

<210> 12

<211> 4

<212> PRT

<213> Bovine ubiquitin

<400> 12

Asp Val Glu Lys
1

<210> 13

<211> 5

<212> PRT

<213> Bovine ubiquitin

<400> 13

Gly Asp Val Glu Lys
1 5

<210> 14

<211> 3
 <212> PRT
 <213> Bovine ubiquitin

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> X is Q or K

<400> 14
 Val Xaa Lys
 1

<210> 15
 <211> 5
 <212> PRT
 <213> Bovine ubiquitin

<400> 15
 Ile Phe Val Gln Lys
 1 5

<210> 16
 <211> 76
 <212> PRT
 <213> Bovine ubiquitin

<400> 16
 Met Gln Ile Phe Val Lys Thr Leu Thr Gly Lys Thr Ile Thr Leu Glu
 1 5 10 15
 Val Glu Pro Ser Asp Thr Ile Glu Asn Val Lys Ala Lys Ile Gln Asp
 20 25 30

Lys Glu Gly Ile Pro Pro Asp Gln Gln Arg Leu Ile Phe Ala Gly Lys
35 40 45

Gln Leu Glu Asp Gly Arg Thr Leu Ser Asp Tyr Asn Ile Gln Lys Glu
50 55 60

Ser Thr Leu His Leu Val Leu Arg Leu Arg Gly Gly
65 70 75